

March 24, 2023

Docket No: 52-026

ND-22-0751  
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission  
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Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 4  
ITAAC Closure Notification on Completion of ITAAC 2.5.06.02 [Index Number 574]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.5.06.02 [Index Number 574] for verifying that the data obtained from the metal impact monitoring sensors can be retrieved in the Main Control Room. The closure process for this ITAAC is based on the guidance described in NEI 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52", which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,



Jamie M. Coleman  
Regulatory Affairs Director Vogtle 3 & 4

Enclosure      Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.5.06.02 [Index Number 574]

JMC/PCM/sfr

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cc: Regional Administrator, Region II  
Director, Office of Nuclear Reactor Regulation (NRR)  
Director, Vogtle Project Office NRR  
Senior Resident Inspector – Vogtle 3 & 4

**Southern Nuclear Operating Company  
ND-22-0751  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.5.06.02 [Index Number 574]**

### **ITAAC Statement**

#### **Design Commitment:**

2. Data obtained from the metal impact monitoring sensors can be retrieved in the MCR.

#### **Inspections, Tests, Analyses:**

Inspection will be performed for retrievability of data from the metal impact monitoring sensors in the MCR.

#### **Acceptance Criteria:**

Data obtained from the metal impact monitoring sensors can be retrieved in the MCR.

### **ITAAC Determination Basis**

An inspection was performed in accordance with preoperational test 4-SMS-ITPP-501 (Reference 1), to ensure retrievability of data from the metal impact monitoring sensors in the Main Control Room (MCR). This inspection was performed to verify that data obtained from the metal impact monitoring sensors (SMS-YE001 through SMS-YE016) can be retrieved in the MCR.

The inspection utilized one of the Operator stations in the MCR to navigate to the Special Monitoring System (SMS) loose parts screen. The MCR monitor was verified to be capable of displaying the 16 SMS accelerometers. Testing was performed using a calibrated impact hammer within 3 feet of the SMS sensor that was tested and an inspection was performed to verify a value change was displayed when each sensor was impact tested.

The inspection detailed in the Unit 4 preoperational test 4-SMS-ITPP-501 (Reference 1) confirmed that data obtained from the metal impact monitoring sensors could be retrieved in the MCR. The results are documented in SV4-SMS-ITR-800574 (Reference 2) and provide evidence that the ITAAC Acceptance Criteria was met.

Reference 2 is available for NRC inspection as part of the Unit 4 ITAAC 2.5.06.02 Completion Package (Reference 3).

### **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all ITAAC findings pertaining to the subject ITAAC and associated corrective actions. This review found there were no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 2.5.06.02 (Reference 3) and is available for NRC review.

**ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.5.06.02 was performed for VEGP Unit 4 and that the prescribed acceptance criteria were met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

**References (available for NRC inspection)**

1. 4-SMS-ITPP-501, Rev. 1.0, "Special Monitoring System Preoperational Test Procedure"
2. SV4-SMS-ITR-800574, Rev. 0, "Unit 4 SMS Metal Impact Monitoring Sensors Data Displayed in MCR: ITAAC 2.5.06.02"
3. 2.5.06.02-U4-CP-Rev0, "ITAAC Completion Package"